



Crop Progress and Condition

Week Ending July 30, 2006

Agricultural Summary

Another heat wave moved into the State late in the week, further reducing soil moisture and inflicting moderate to severe stress on row crops and pastures. Rain is needed to fill corn kernels, set soybean pods, restart pasture growth, and fill ponds. Reporters have yet to see disease and insect pressure, saving the crops further stress. **Topsoil moisture** supplies are 35 percent very short, 43 percent short, 21 percent adequate, and 1 percent surplus. All districts saw declines except the south-central, which remained stable. The west-central, central, and southwest districts all rate under 10 percent in the adequate to surplus categories. There were 6.4 **days suitable for fieldwork**.

Field Crops Report

Corn silking is virtually complete. Fifty-nine percent of the crop is in dough stage, slightly behind last year but slightly ahead of the normal pace. Corn in the dent stage has reached 20 percent, about 2 days ahead of both last year and average. Reporters saw a substantial decline in corn condition, raising concerns of poor kernel fill and the loss of top-end yields. The crop is rated 4 percent very poor, 10 percent poor, 32 percent fair, 46 percent good, and 8 percent excellent, a decline of 9 percentage points in good to excellent. The northwest, central, and east-central districts all experienced sharp deterioration of just under 20 points. Despite the drop in condition, this year's crop on a statewide basis is still rated 22 points better in good to excellent than last year's corn crop at this time. **Soybean** blooming is at 74 percent, 1 day behind last year but 5 days ahead of average. Pod setting is at 33 percent, 2 days behind last year but 2 days ahead of the 5-year average of 30 percent. Condition of the bean crop is rated 4 percent very poor, 12 percent poor, 36 percent fair, 42 percent good, and 6 percent excellent, a drop of 4 percentage points in good to excellent. Extreme heat has caused concern about pods aborting. **Sorghum** heading has reached 74 percent, 2 days ahead of last year and over 1 week ahead of normal, while 10 percent is turning color, about even with last year and normal. Condition of the crop is rated 1 percent very poor, 5 percent poor, 33 percent fair, 56 percent good, and 5 percent excellent. Thirty-four percent of the **rice** crop is headed, 4 days behind last year but even with average. Rice condition was stable from last week at 2 percent poor, 11 percent fair, 53 percent good, and 34 percent excellent. **Cotton** squaring is virtually complete at 98 percent. Cotton setting bolls is 84 percent complete, over 1 week ahead of last year and 4 days ahead of average. In contrast to other crops, cotton condition improved over last week to 5 percent poor, 24 percent fair, 63 percent good, and 8 percent excellent, up 7 percentage points in good to excellent. The third cutting of **alfalfa** is 57 percent harvested, 4 days ahead of last year and 9 days ahead of normal.

Pasture & Livestock

Pasture condition is rated 31 percent very poor, 35 percent poor, 25 percent fair, and 9 percent good. There is concern about lack of feed and water for cattle, as pastures lie dormant and pond levels continue to drop. Producers in central and southwestern areas have been feeding supplemental hay for several weeks, but reporters indicate that supplemental feeding is now becoming necessary nearly statewide. Heat stress is also evident in cattle.

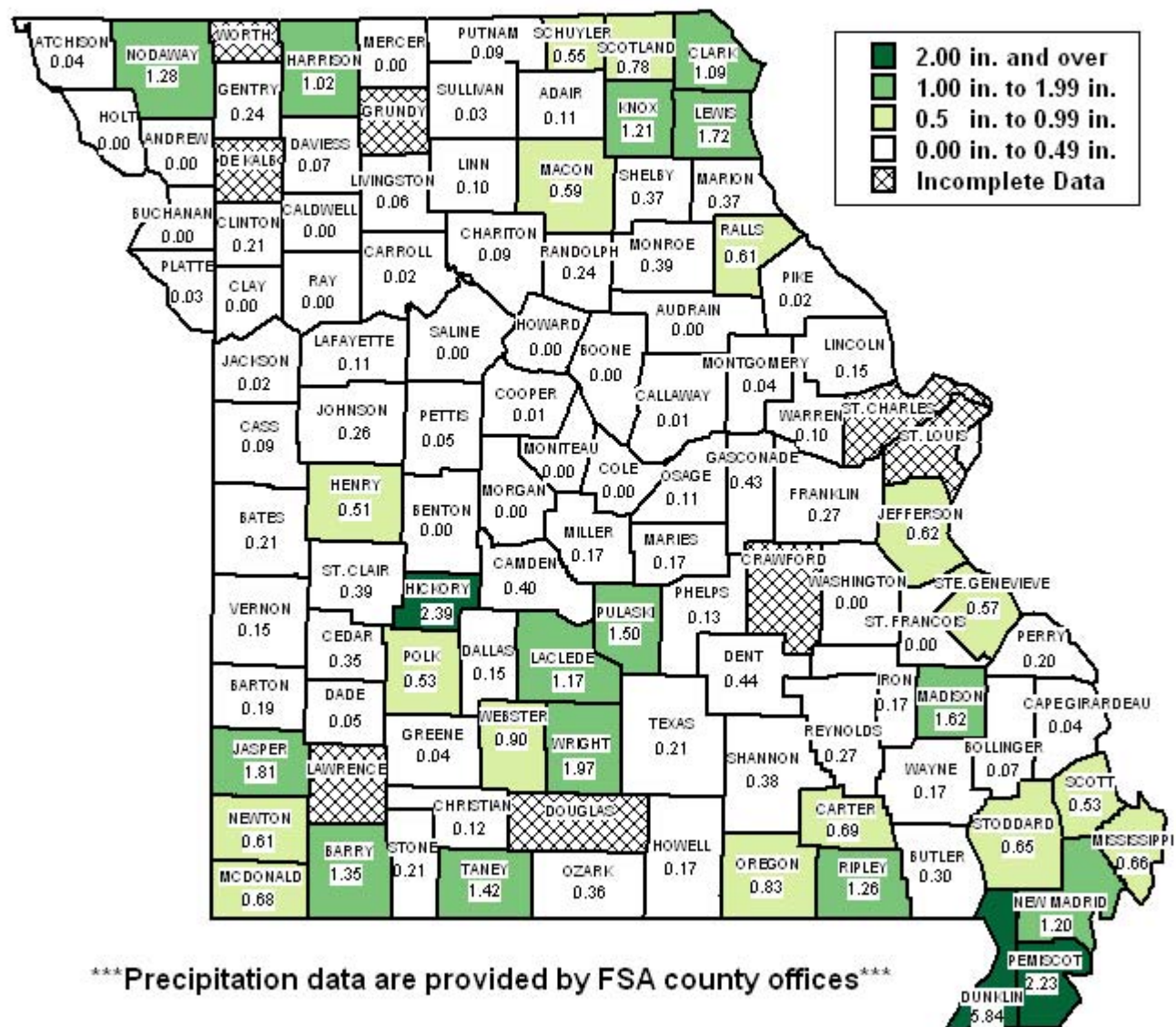
Weather Summary

Temperatures were as much as 6 degrees above average in central and northern counties, while the Bootheel was 2 to 4 degrees below normal. A few locations, such as Columbia, Versailles, and Green Ridge saw extreme highs for the week at or above 100 degrees. **Rainfall** averaged 0.48 inches statewide. By area, the north-central district received 0.17 inches, while the northwest and west-central each received 0.23. All other districts saw 2/3 inches or less with the exception of the southeast, where 1.43 inches fell, including 5.84 inches in Dunklin County.

District Summaries As Of July 30, 2006

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.4	6.8	6.4	6.5	6.7	6.9	6.2	6.9	6.5	5.2
Last Year	6.2	5.2	5.7	6.3	6.3	6.4	6.5	6.4	6.5	6.9
Topsoil Moisture Supply										
Very Short	35	46	23	25	47	53	30	67	15	4
Short	43	36	58	52	46	38	55	28	45	30
Adequate	21	18	19	22	7	9	15	5	40	61
Surplus	1	0	0	1	0	0	0	0	0	5
Corn Dough Stage and Beyond, Percent										
This Year	59	38	54	40	83	62	46	86	36	96
Last Year	63	51	54	59	79	54	66	91	30	81
Normal	57									
Corn Dented, Percent										
This Year	20	11	15	2	38	12	4	43	0	55
Last Year	15	10	7	16	27	5	23	53	8	23
Normal	14									
Soybeans Blooming and Beyond, Percent										
This Year	74	64	77	76	83	80	73	33	54	74
Last Year	77	73	84	77	81	80	85	76	69	66
Normal	64									
Soybeans Setting Pods and Beyond, Percent										
This Year	33	33	33	26	40	30	20	7	22	49
Last Year	39	47	45	32	42	30	45	41	13	36
Normal	30									
Sorghum Headed and Beyond, Percent										
This Year	74	65	69	67	86	60	64	85	50	95
Last Year	69	66	74	65	62	50	64	87	50	80
Normal	56									
Sorghum Turning Color and Beyond, Percent										
This Year	10	2	1	1	40	2	2	5	12	25
Last Year	11	1	27	5	8	8	1	24	4	10
Normal	10									
Alfalfa Hay 3rd Cutting, Percent										
This Year	57	48	43	35	85	69	45	76	76	99
Last Year	48	42	35	28	59	45	45	77	71	83
Normal	36									
Corn Condition										
Very Poor	4	2	10	3	1	13	2	1	2	0
Poor	10	16	13	8	7	15	8	3	7	3
Fair	32	32	28	34	39	37	40	32	22	19
Good	46	43	39	49	47	31	43	60	49	64
Excellent	8	7	10	6	6	4	7	4	20	14
Soybean Condition										
Very Poor	4	4	10	2	1	9	1	0	6	3
Poor	12	17	15	7	18	14	5	9	6	9
Fair	36	40	34	32	42	35	45	42	25	30
Good	42	33	30	55	33	41	41	49	54	52
Excellent	6	6	11	4	6	1	8	0	9	6
Sorghum Condition										
Very Poor	1	3	6	0	0	2	0	0	1	0
Poor	5	24	11	1	7	9	5	2	11	4
Fair	33	20	49	26	60	37	30	22	36	33
Good	56	52	34	63	30	50	64	70	21	59
Excellent	5	1	0	10	3	2	1	6	31	4
Pasture Condition										
Very Poor	31	41	13	19	40	46	16	60	11	0
Poor	35	27	41	44	36	30	29	28	42	2
Fair	25	23	34	30	19	13	33	10	38	72
Good	9	8	12	6	5	10	22	2	9	23
Excellent	0	1	0	1	0	1	0	0	0	3
Average Precipitation	0.48	0.23	0.17	0.66	0.23	0.34	0.48	0.55	0.65	1.43

Precipitation for Week Ending July 30, 2006



Precipitation data are provided by FSA county offices

Precipitation for Previous Four Weeks Ending July 30, 2006

